

Location: #112 Skimino Landing Road

Revision Date: November 10, 2009

Code: 09-0231

Worksheet 1

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STEP 1 Determine the applicable area (A) and the post-developed impervious cover (I_{post}).Applicable area (A)* = 2.423 acres 105,553 SQ. FT.

Post-development impervious cover:

structures = 0.038 acres 1,659 SQ. FT.

parking lot = _____ acres

roadway = _____ acres

other:

CONC. DRIVE = 0.042 acres 1,820 SQ. FT.

_____ = _____ acres

Total = 0.080 acres 3,479 SQ. FT.

$$I_{post} = (\text{total post-development impervious cover} \div A) \times 100 = \underline{3.3} \%$$

* The area subject to the criteria may vary from locality to locality. Therefore, consult the locality for proper determination of this value.

STEP 2 Determine the average land cover condition ($I_{watershed}$) or the existing impervious cover ($I_{existing}$).Average land cover condition ($I_{watershed}$):

If the locality has determined land cover conditions for individual watersheds within its jurisdiction, use the watershed specific value determined by the locality as $I_{watershed}$.

$$I_{watershed} = \underline{16.0} \%$$

Otherwise, use the Chesapeake Bay default value:

$$I_{watershed} = 16\%$$

